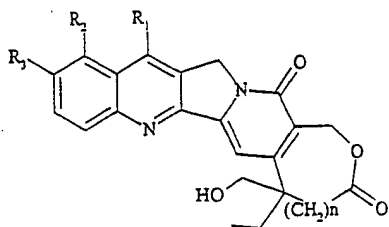


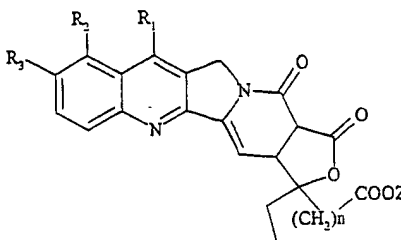
AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Original) Compounds of formula (I) or formula (II)



(I)



(II)

where:

R₁ is hydrogen or a -C(R₅)=N-O-R₄ group, in which R₄ is hydrogen or a straight or branched C₁-C₅ alkyl or C₁-C₅ alkenyl group, or a C₃-C₁₀ cycloalkyl group, or a straight or branched (C₃-C₁₀) cycloalkyl - (C₁-C₅) alkyl group, or a C₆-C₁₄ aryl group, or a straight or branched (C₆-C₁₄) aryl - (C₁-C₅) alkyl group, or a heterocyclic group or a straight or branched heterocyclo - (C₁-C₅) alkyl group, said heterocyclic group containing at least one heteroatom selected from an atom of nitrogen, optionally substituted with an (C₁-C₅) alkyl group, and/or an atom of oxygen and/or of sulphur; said alkyl, alkenyl, cycloalkyl, cycloalkyl-alkyl, aryl, aryl-alkyl, heterocyclic or heterocyclo-alkyl groups can optionally be substituted with one or more groups selected from the group consisting of: halogen, hydroxy, C₁-C₅ alkyl, C₁-C₅ alkoxy, phenyl, cyano, nitro, and -NR₆R₇, where R₆ and R₇, which may be the same or different, are hydrogen, straight or branched (C₁-C₅) alkyl, the -COOH group or one of its pharmaceutically acceptable esters; or the -CON₈R₉ group, where R₈ and R₉, which may be the same or different, are hydrogen, straight or branched (C₁-C₅) alkyl; or

R₄ is a (C₆-C₁₀) aroyl or (C₆-C₁₀) arylsulphonyl residue, optionally substituted with one or more groups selected from: halogen, hydroxy, straight or branched C₁-C₅ alkyl, straight or branched C₁-C₅ alkoxy, phenyl, cyano, nitro, -NR₁₀R₁₁, where R₁₀ and R₁₁, which may be the same or different, are hydrogen, straight or branched C₁-C₅ alkyl; or:

R₄ is a polyaminoalkyl residue; or

R₄ is a glycosyl residue;

R₅ is hydrogen, straight or branched C₁-C₅ alkyl, straight or branched C₁-C₅ alkenyl, C₃-C₁₀ cycloalkyl, straight or branched (C₃-C₁₀) cycloalkyl - (C₁-C₅) alkyl, C₆-C₁₄ aryl, straight or branched (C₆-C₁₄) aryl -(C₁-C₅) alkyl;

R₂ and R₃, which may be the same or different, are hydrogen, hydroxy, straight or branched C₁-C₅ alkoxy;

n = 1 or 2,

Z is selected from hydrogen, straight or branched C₁-C₄ alkyl;

the N₁-oxides, the racemic mixtures, their individual enantiomers, their individual diastereoisomers, their mixtures, and their pharmaceutically acceptable salts, with the proviso that, in formula (I), R₁, R₂ and R₃ cannot be simultaneously hydrogen.

2. (Original) The compounds according to claim 1, in which, in formula (I), n is 1.

3. (Original) The compounds according to claim 1, in which, in formula (II), n is 1.

4. (Original) The compounds according to claim 2, selected from the group consisting of:

- R,S-7-methoxyiminomethyl-homocamptothecin;
- R,S-7-ethoxyiminomethyl- homocamptothecin;
- R,S-7-isopropoxyiminomethyl-homocamptothecin;
- R,S-7-(2-methylbutoxy)iminomethyl-homocamptothecin;
- R,S-7-(1-t-butoxy)iminomethyl-homocamptothecin;
- R,S-7-(4-hydroxybutoxy)iminomethyl-homocamptothecin;
- R,S-7- triphenylmethoxyiminomethyl-homocamptothecin.
- R,S-7-carboxymethoxyiminomethyl-homocamptothecin;
- R,S- 7-aminoethoxyiminomethyl-homocamptothecin
- R,S- 7-(N,N-dimethylaminoethoxy)iminomethyl-homocamptothecin
- R,S-7-allyloxyiminomethyl-homocamptothecin;
- R,S-7-cyclohexyloxyiminomethyl-homocamptothecin;
- R,S-7-cyclohexylmethoxyiminomethyl-homocamptothecin;
- R,S-7-cyclooctyloxyiminomethyl-homocamptothecin;
- R,S-7-cyclooctylmethoxyiminomethyl-homocamptothecin;
- R,S-7-benzyloxyiminomethyl-homocamptothecin;
- R,S-7-(benzyloxy)iminophenylmethyl-homocamptothecin;
- R,S-7-(1-benzyloxy)iminoethyl-homocamptothecin;
- R,S-7-(1-t-butoxy)iminoethyl-homocamptothecin;
- R,S-7-p-nitrobenzyloxyiminomethyl-homocamptothecin;
- R,S-7-p -methylbenzyloxyiminomethyl-homocamptothecin;

- R,S-7-pentafluorobenzyloxyiminomethyl-homocamptothecin;
- R,S-7-p-phenylbenzyloxyiminomethyl-homocamptothecin;
- R,S-7-(2,4-difluorobenzylmethoxy)iminomethyl-homocamptothecin;
- R,S-7-(4-t-butylphenylmethoxy)iminomethyl-homocamptothecin;
- R,S-7-(1-adamantyloxy)iminomethyl-homocamptothecin;
- R,S-7-(1-adamantylmethoxy)iminomethyl-homocamptothecin;
- R,S-7-(2-naphthalenyloxy)iminomethyl-homocamptothecin;
- R,S-7-(9-anthracenylmethoxy)iminomethyl-homocamptothecin;
- R,S-7-(6-uracyl)methoxyiminomethyl-homocamptothecin;
- R,S-7-(4-pyridil)methoxyiminomethyl-homocamptothecin;
- R,S-7-(2-thienyl)methoxyiminomethyl-homocamptothecin;
- R,S-7-[(N-methyl)-3-piperidinyl]methoxyiminomethyl-homocamptothecin;
- R,S-7-hydroxyiminophenylmethyl-homocamptothecin.

5. (Original) The compounds according to claim 3, selected from the group consisting of:

- { 10-[(E)-(ter-butoxyimino)methyl]-3-ethyl-1,13-dioxo-11,13-dihydro-1H,3H-furo[3',4':6,7]indolizino[1,2-b]quinolin-3-yl } acetic acid
- (10-{ (E)-[(benzyloxy)imino]methyl }-3-ethyl-1,13-dioxo-11, 13-dihydro- 1H, 3H-furo[3',4':6,7]indolizino[1,2-b]quinolin-3-yl)acetic acid
- (3-ethyl-1,13-dioxo-11,13-dihydro-1H,3H-furo[3',4':6,7]
- indolizino[1,2-b]quinolin-3-yl)acetic acid

— ter-butylic ester of (3-ethyl-1,13-dioxo-11,13-dihydro-1H,3H-furo[3',4':6,7]indolizino[1,2-b]quinolin-3-yl)acetic acid.

6. (Currently Amended) Process for the preparation of formula (I) compounds according to claim 1 in which R₁ is hydrogen and R₂ and R₃ are as defined above, comprising:

- a) reduction of the keto group in position 19 of the camptothecin, optionally substituted with the envisaged meanings of R₂ and R₃, to yield the 19,20-dihydroxy-derivative;
- b) treatment of the derivative obtained in step a) with periodate and acetic acid, to obtain the opening of the E ring;
- c) Reformatsky reaction on the derivative obtained in step b);
- d) formation of the E ring where n is 1 or 2.

7. (Original) Process for the preparation of formula (I) compounds according to claim 1, in which R₁ is a -C(R₅)=N-O-R₄ group and R₂, R₃, R₄ and R₅ are as defined above, comprising:

- a) transformation of the camptothecin, optionally substituted with the envisaged meanings of R₂ and R₃, to 7-(d-methoxymethyl)camptothecin;
- b) reduction of the keto group in position 19 of the 7-(dimethoxymethyl)camptothecin, to yield the derivative 19, 20-dihydroxy;
- c) treatment of the derivative obtained in step b) with periodate and acetic acid, to obtain the opening of the E ring;
- d) Reformatsky reaction on the derivative obtained in step c);

e) treatment of the compound obtained in step d) with a formula R_4ONH_2 oxime and simultaneous formation of ring E where n is 1 or 2.

8. (Original) Process for the preparation of formula (II) compounds according to claim 1 in which R_1 is hydrogen and R_2 and R_3 are as defined above, comprising:

a) reduction of the keto group in position 19 of the camptothecin, optionally substituted with the envisaged meanings of R_2 and R_3 , to yield the derivative 19,20-dihydroxy;

b) treatment of the derivative obtained in step a) with periodate and acetic acid, to obtain the opening of the E ring;

c) Reformatsky reaction on the derivative obtained in step b);

d) treatment of the derivative obtained in step c) with PDC with formation of the E ring and, if so desired;

e) transformation of the Z group to hydrogen.

9. (Original) Process for the preparation of formula (II) compounds according to claim 1 in which R_1 is a $-C(R_5)=N-O-R_4$ group and R_2 , R_3 , R_4 and R_5 are as defined above, comprising:

a) transformation of the camptothecin, optionally substituted with the envisaged meanings of R_2 and R_3 , to 7-(dimethoxymethyl)camptothecin;

b) reduction of the keto group in position 19 of the 7-(dimethoxymethyl)camptothecin, optionally substituted with the envisaged meanings of R_2 and R_3 , to yield the derivative 19,20-dihydroxy;

- c) treatment of the derivative obtained in step b) with periodate and acetic acid, to obtain the opening of the E ring;
- c) Reformatsky reaction on the derivative obtained in step c);
- d) treatment of the derivative obtained in step c) with PDC with formation of the E ring;
- e) treatment of the compound obtained in step d) with an oxime of formula R_4ONH_2 and, if so desired,
- f) transformation of the Z group to hydrogen.
10. (Original) 7-(dimethoxymethyl)camptothecin.
11. (Currently Amended) Use of 7-(dimethoxymethyl)camptothecin as an intermediate product in the process according to claims 7 ~~and 9~~.
12. (Currently Amended) Compounds according to ~~any of~~ claims 1-5 as medicaments.
13. (Currently Amended) Pharmaceutical composition containing a therapeutically effective amount of at least one compound according to claims 1-5 in admixture with pharmaceutically acceptable vehicles and excipients.
14. (Currently Amended) Pharmaceutical composition containing a therapeutically effective amount of at least one compound according to claims 1-5 in admixture with

pharmaceutically acceptable vehicles and excipients and optionally in combination with another active ingredient.

15. (Original) Pharmaceutical composition according to claim 14, in which the other active ingredient is an anticancer agent.

16. (Currently Amended) Use of a compound according to claims 1-5, for the preparation of a medicament with topoisomerase I inhibiting activity.

17. (Original) The use according to claim 16 for the preparation of a medicament useful for the treatment of tumours.

18. (Original) The use according to claim 16 for the preparation of a medicament useful for the treatment of parasitic or viral infections.